

FINAL DELIVERABLES

SOURCE CODE

Date	21-11-2022
Team ID	PNT2022TMID49099
Project Name	IoT based Safety Gadget for Child Safety Monitoring and Notification

Source Code:

```
import json
import wiotp.sdk.device
import time

myConfig={
    "identity":{
        "orgId": "rdegkyk",
        "typeId":"safetygad",
        "deviceId":"gad1"
    },
    "auth":{
        "token":"gyg06jzil(!TGsKxV"
    }
}

client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None)
client.connect()
```

```
while True:
    name="locater"
    #in area location
    #latitude=13.145997614532394
    #longitude=80.0619303452179

    #out area location
    latitude=13.15412
    longitude=80.05729

    myData={'name':name, 'lat':latitude, 'lon':longitude}
    client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0,
onPublish=None)
    print("Data published to IBM Iot platform: ",myData)
    time.sleep(2)

client.disconnect()
```